

Title (en)  
METHOD FOR INTERACTION BETWEEN RESOURCE AND ADMISSION CONTROL SYSTEMS AND RESOURCE AND ADMISSION CONTROL SYSTEM

Title (de)  
VERFAHREN ZUR INTERAKTION ZWISCHEN RESSOURCEN- UND BERECHTIGUNGSSTEUERSYSTEMEN SOWIE RESSOURCEN- UND BERECHTIGUNGSSTEUERSYSTEM

Title (fr)  
PROCÉDÉ D'INTERACTION ENTRE DES SYSTÈMES DE COMMANDE DE RESSOURCES ET D'ADMISSION ET SYSTÈME DE COMMANDE DE RESSOURCES ET D'ADMISSION

Publication  
**EP 2472814 A4 20131204 (EN)**

Application  
**EP 10811127 A 20100323**

Priority  
• CN 200910169337 A 20090825  
• CN 2010071196 W 20100323

Abstract (en)  
[origin: EP2472814A1] The present invention discloses a method for an interaction between resource and admission control systems and a resource and admission control system, the method includes: a resource and admission control function in a fixed network receiving a request message transmitted by a Policy and Charging Rule Function (PCRF) in a mobile network, and converting the request message or parameters carried in the request message into a form that can be processed or identified by a transport functional entity in the fixed network. The technical scheme of the present invention complies with the development trend of the future network, and is simple and practical.

IPC 8 full level  
**H04L 12/14** (2006.01); **H04L 47/2491** (2022.01)

CPC (source: EP US)  
**H04L 12/14** (2013.01 - EP US); **H04L 12/1403** (2013.01 - EP US); **H04L 47/10** (2013.01 - EP US); **H04L 47/2491** (2013.01 - EP US); **H04L 47/781** (2013.01 - EP US); **H04L 47/785** (2013.01 - EP US); **H04L 47/824** (2013.01 - EP US); **H04M 15/43** (2013.01 - EP US); **H04M 15/55** (2013.01 - EP US); **H04M 15/66** (2013.01 - EP US)

Citation (search report)  
• [I] CN 101453339 A 20090610 - HUAWEI TECH CO LTD [CN] & US 2009228956 A1 20090910 - HE XIANHUI [CN], et al  
• [I] WO 2009092299 A1 20090730 - HUAWEI TECH CO LTD [CN], et al & US 2010287599 A1 20101111 - HE XIANHUI [CN], et al  
• [A] CN 101262440 A 20080910 - ZTE CORP [CN]  
• [XP] YOU JIANJIE ZTE CORPORATION P R CHINA SUN MO ZTE CORPORATION P R CHINA SONG JUN ZTE CORPORATION P R CHINA LU YANQING CHINA TELECOM: "Proposal for the interaction between RACF and PCC in Y.2111;C 331", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. 4/13, 26 August 2009 (2009-08-26), pages 1 - 9, XP017443764  
• [I] QIAN WANG CHINA TELECOM P R CHINA AIJUN WANG CHINA TELECOM P R CHINA TONG WU CHINA TELECOM P R CHINA: "Proposal for RACF and non-RACF cooperation;C 275", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. 4/13, 24 August 2009 (2009-08-24), pages 1 - 2, XP017443707  
• [A] "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Resource and Admission Control Sub-System (RACS): Functional Architecture", ETSI STANDARD, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI), 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS ; FRANCE, no. V3.4.0, 1 July 2009 (2009-07-01), XP014044413  
• [A] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Policy and charging control architecture (Release 9)", 3GPP STANDARD; 3GPP TS 23.203, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V9.1.0, 1 June 2009 (2009-06-01), pages 1 - 116, XP050363031  
• [A] DONG SUN LUCENT TECHNOLOGIES USA: "Output - Draft Recommendation Y.RACF (Y.2111) Revision 2 (Version 0.1.0);TD 120 (NGN-GSI)", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. ngn-gsi ; 4/13, 22 May 2009 (2009-05-22), pages 1 - 161, XP017565297  
• See references of WO 2011022961A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2472814 A1 20120704; EP 2472814 A4 20131204; EP 2472814 B1 20160511**; CN 101997699 A 20110330; CN 101997699 B 20130911; ES 2585216 T3 20161004; US 2012151029 A1 20120614; US 8903975 B2 20141202; WO 2011022961 A1 20110303

DOCDB simple family (application)  
**EP 10811127 A 20100323**; CN 200910169337 A 20090825; CN 2010071196 W 20100323; ES 10811127 T 20100323; US 201013258045 A 20100323